

Supplementary Information

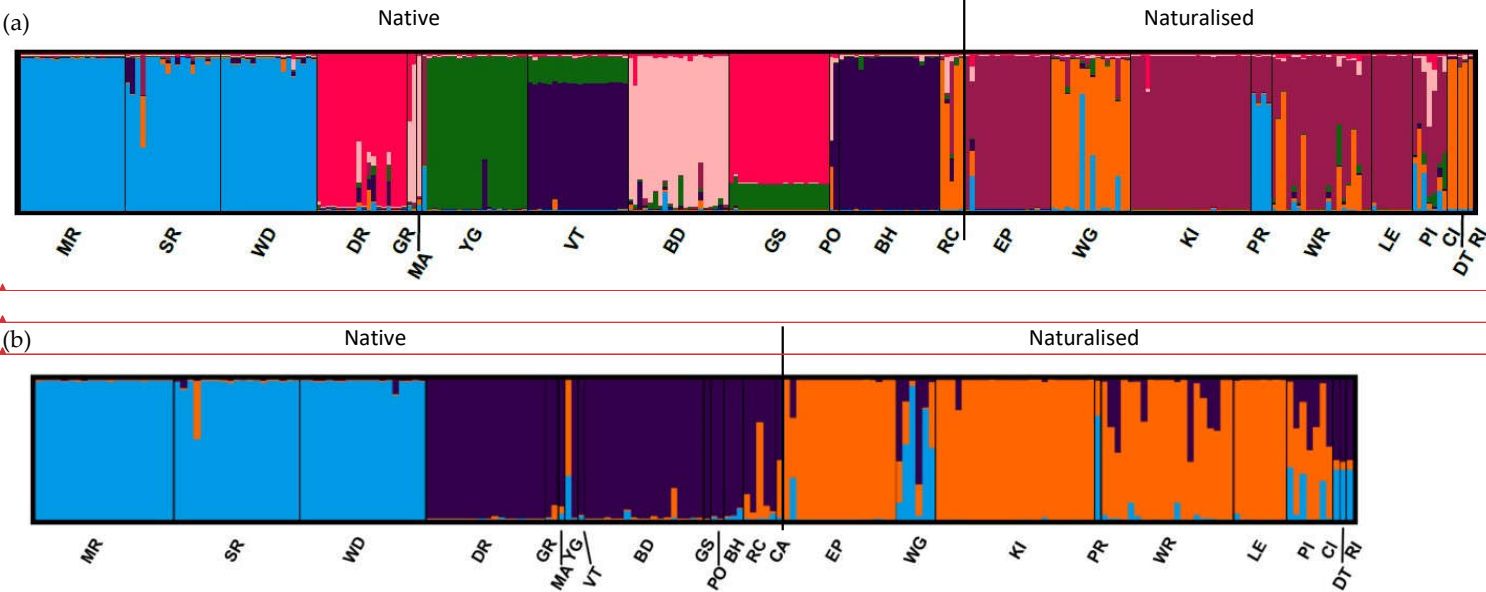


Figure S1—[Structure-STRUCTURE](#) analysis on native and naturalised samples. (a) $K = 7$ when all samples included; (b) $K = 3$ when no sibs included (as per colony analysis)

Table 1. Table S1—Accession numbers and population codes (from Table 1) of sampled herbarium specimens and representative specimens of each population lodged from field collections. Detailed specimen data is available on Australasian Virtual Herbarium (<https://doi.org/10.26197/ala.6131e24d-bdf2-4c98-a487-dd6390da3c15>).

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Specimen voucher	Population	Specimen voucher	Population	Specimen voucher	Population
MEL 2391943A	BD	MEL 2391941A	GS	HO444068	RI
MEL 2404873A	BD	MEL 2391960A	KI	MEL 2404880A	SR
MEL 2404874A	BD	MEL 2391961A	KI	MEL 2404879A	SR
MEL 2404868A	BH	MEL 2404885A	KI	MEL 2391951A	SR
MEL 2391939A	BH	MEL 2391966A	LE	MEL 2391944A	VT
MEL 2404867A	BH	MEL 2404890A	LE	MEL 2404875A	VT
PERTH 5160960	CA	MEL 2404891A	LE	MEL 2404876A	VT
HO104070	CI	MEL 2404882A	MR	MEL 2404877A	WD
HO29841	CI	MEL 2404881A	MR	MEL 2391948A	WD
HO56079	CI	MEL 2391953A	MR	MEL 2404878A	WD
MEL 2404869A	DR	MEL 2391955A	PI	MEL 2404834A	WG
MEL 2404870A	DR	AD 98031001	PN	MEL 2391956A	WG
MEL 2391940A	DR	MEL 2391965A	PR	MEL 2404833A	WG
HO444136	DT	MEL 2404888A	PR	MEL 2391959A	WR
MEL 2404886A	EP	MEL 2404889A	PR	MEL 2391958A	WR
MEL 2404887A	EP	PERTH 2239701	RC	MEL 2391957A	WR
MEL 2391964A	EP	PERTH 1665812	RC	MEL 2391967A	YG
MEL 2404872A	GS	PERTH 2239698	RC	MEL 2404892A	YG
MEL 2404871A	GS	PERTH 1851721	RC	MEL 2404893A	YG

Table S2—MLGs shared across populations

MLG	Populations	Missing data
O	CIx2, RIx1	Am465
P	WRx6, LEx1, KIx2	Am465
Q	KIx1, WRx1	none
S	KIx13, LEx1	Am465
T	LEx2, KIx1	none
U	KIx4, WRx1	none

Table S3—Sibling groups identified by colony. Groups 1-7, Pr>0.80 (full sibs), *Groups 8-13, Pr<0.8, Prob(incl.) = probability of inclusion in group, Prob(excl.) = probability of exclusion from the group, nSibs = individuals per Sib group, nPopn = total num

	Sib Group	1	2	3	4	5	6	7	8*	9*	10*	11*	12*	13*	
	(nSibs)	(4)	(20)	(4)	(3)	(19)	(42)	(11)	(12)	(60)	(2)	(2)	(21)	(77)	
	Prob(incl.)	1.00	1.00	1.00	0.97	0.94	0.91	0.81	0.45	0.37	0.21	0.20	0.10	0.00	
	Prob(excl.)	0.74	0.99	0.99	0.09	0.51	0.88	0.62	0.05	0.19	0.21	0.02	0.10	0.00	
Popn	nPopn	Prob(sibs)													
DR	18	-	-	-	-	-	-	-	-	-	-	-	18	-	1.00
CI	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1.00
RI	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1.00
DT	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1.00
GR	2	-	-	-	-	-	-	-	-	-	-	-	2	-	1.00
GS	20	-	20	-	-	-	-	-	-	-	-	-	-	-	1.00
BD	20	-	-	-	3	-	1	-	12	-	-	2	-	-	0.90
BH	20	-	-	-	-	18	1	-	-	-	-	-	-	-	0.95
PO	2	-	-	-	-	1	-	-	-	-	-	-	-	-	0.50
VT	20	-	-	-	-	-	20	-	-	-	-	-	-	-	1.00
MA	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

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WD	19	-	-	-	-	-	-	-	-	18	-	-	-	-	0.95
SR	19	-	-	-	-	-	-	-	-	19	-	-	-	-	1.00
MR	21	-	-	-	-	-	-	-	-	21	-	-	-	-	1.00
WG	16	-	-	-	-	-	-	11	-	2	-	-	-	2	0.94
CA	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1.00
RC	5	-	-	-	-	-	-	-	-	-	1	-	-	1	0.40
YG	21	-	-	-	-	-	20	-	-	-	-	-	-	1	1.00
KI	24	-	-	-	-	-	-	-	-	-	-	-	-	24	1.00
EP	17	-	-	-	-	-	-	-	-	-	-	-	1	16	1.00
LE	8	-	-	-	-	-	-	-	-	-	-	-	-	8	1.00
PI	7	-	-	-	-	-	-	-	-	-	-	-	-	6	0.86
PR	4	-	-	4	-	-	-	-	-	-	-	-	-	-	1.00
WR	20	-	-	-	-	-	-	-	-	-	-	-	-	19	0.95
	289														

Table S4 — AMOVA of all samples with small populations (n=1 or 2: CA, GR, MA, PO, CI, DT, RI) removed.

Source	df	Sums of Squares	Mean sum of squares	Estimated variation	% variation	<i>P</i> value
<u>no small pops (n=279)</u>						
Among Regions	1	440.444	440.444	3.127	0.296	0.001
Among Pops	15	1161.948	77.463	4.46	0.423	0.001
Within Pops	262	775.738	2.961	2.961	0.281	

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